









	<h2 style="color: red;">AOD4120</h2>	
	<b>Manufacturer Part Number:</b>	AOD4120
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N-CH 20V 25A TO252
	<b>Datasheets:</b>	<a href="#">1.AOD4120.pdf</a> <a href="#">2.AOD4120.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
	<b>Stock Condition:</b>	Compliant New original, 98305 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	AOD4120
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 20V 25A TO252
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	98305 pcs Stock
Vgs(th) (Max) @ Id	2V @ 250μA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-252, (D-Pak)
Series	-
Rds On (Max) @ Id, Vgs	18 mOhm @ 20A, 10V
Power Dissipation (Max)	2.5W (Ta), 33W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	900pF @ 10V
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	25A (Tc)

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 <p><b>AOD4128</b> Alpha &amp; Omega Semiconductor Inc. MOSFET N-CH 25V 60A TO252</p>	 <p><b>AOD412L</b> ALPHA&amp;OME AOD412L ALPHA&amp;OME</p>	 <p><b>AOD411NUY</b> IDEC 30MM MAIN 65MM MR 1NO 1NC YEL</p>	 <p><b>AOD411NUR</b> IDEC 30MM MAIN 65MM MR 1NO 1NC RED</p>

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